

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096894.D
 Acq On : 20 Jul 2017 3:27
 Operator : SJ/JU
 Sample : I4234-04RE
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02RE

Quant Time: Jul 20 16:40:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

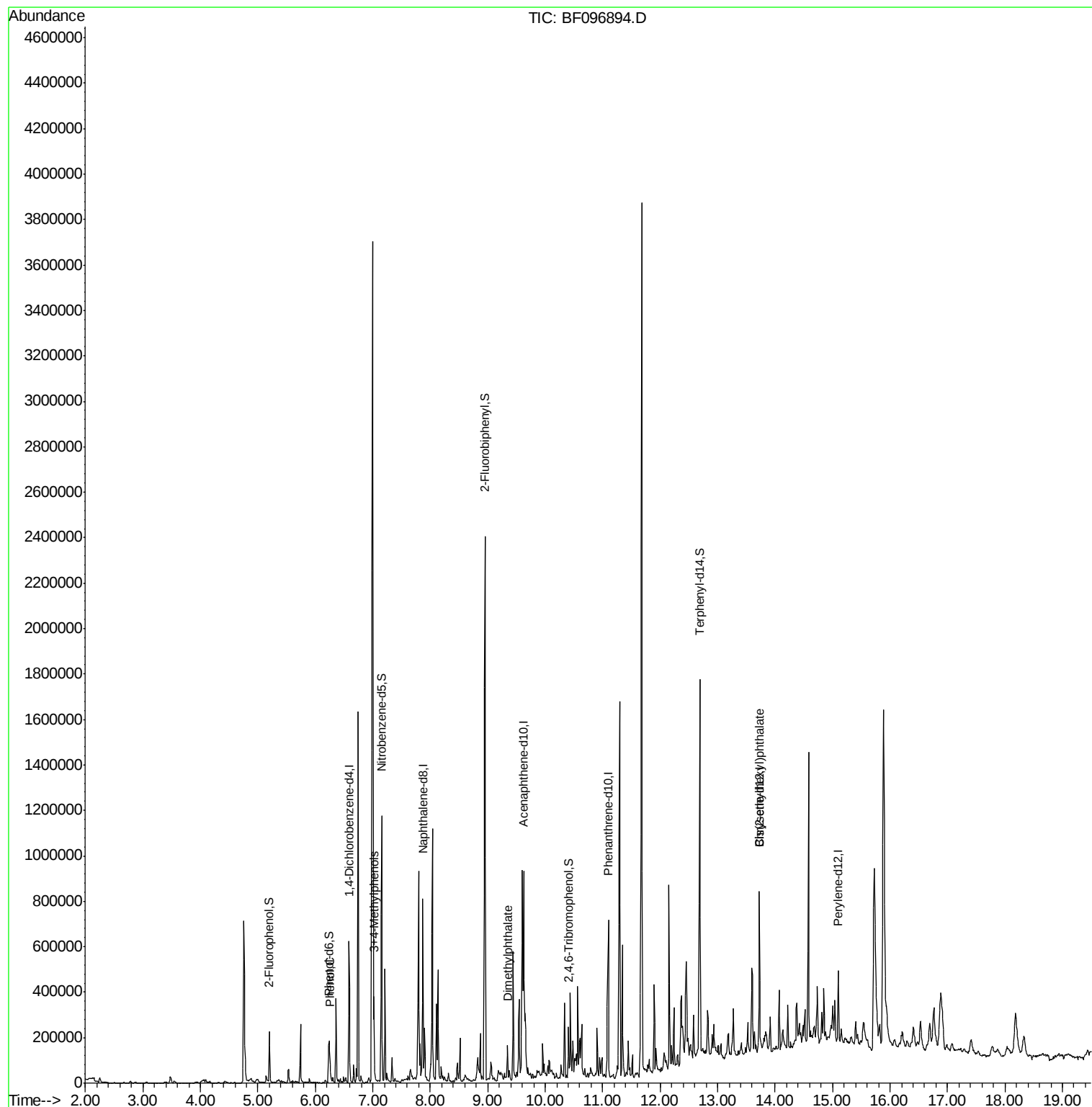
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	86594	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	392064	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	150521	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	232137	20.00	ng	0.00
75) Chrysene-d12	13.73	240	172314	20.00	ng	0.00
86) Perylene-d12	15.10	264	119488	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	60977	10.59	ng	0.00
7) Phenol-d6	6.24	99	52010	7.53	ng	-0.01
23) Nitrobenzene-d5	7.16	82	404762	63.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	21481	16.72	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	762950	80.08	ng	-0.01
78) Terphenyl-d14	12.69	244	517057	52.04	ng	0.00
Target Compounds						
10) Phenol	6.25	94	28302	3.623	ng	95
20) 3+4-Methylphenols	7.02	107	48085	8.202	ng	# 61
49) Dimethylphthalate	9.35	163	36827	3.249	ng	97
83) Bis(2-ethylhexyl)phthalate	13.73	149	50295	5.558	ng	# 97

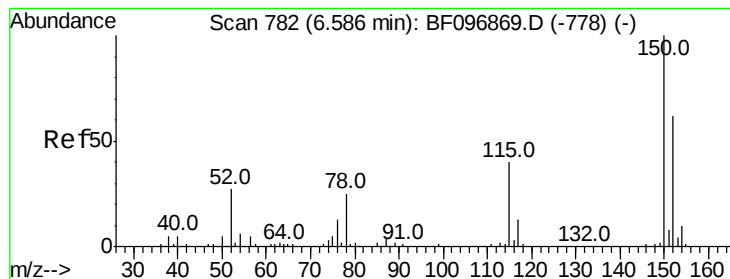
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
Data File : BF096894.D
Acq On : 20 Jul 2017 3:27
Operator : SJ/JU
Sample : I4234-04RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M-COMB-02RE

Quant Time: Jul 20 16:40:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 18 13:33:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.59 min Scan# 782

Delta R.T. -0.01 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

Instrument :

BNA_F

ClientSampleId :

M-COMB-02RE

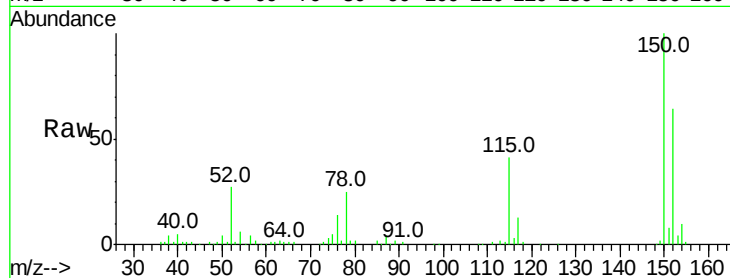
Tot Ion:152 Resp: 86594

Ion Ratio Lower Upper

152 100

150 156.8 126.2 189.2

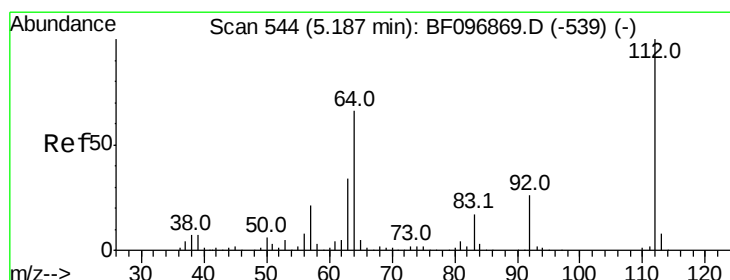
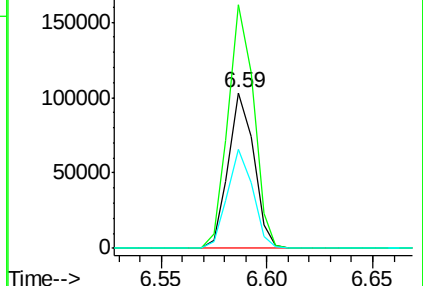
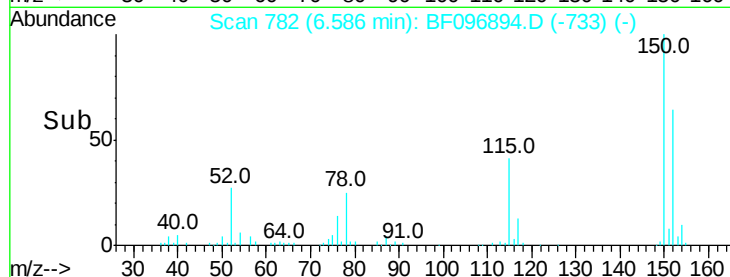
115 63.9 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 10.588 ng

RT: 5.20 min Scan# 546

Delta R.T. -0.00 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

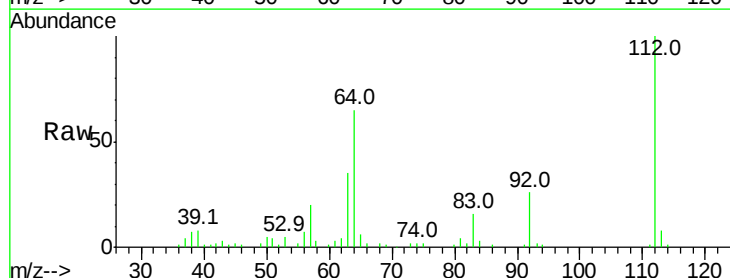
Tgt Ion:112 Resp: 60977

Ion Ratio Lower Upper

112 100

64 65.1 46.0 69.0

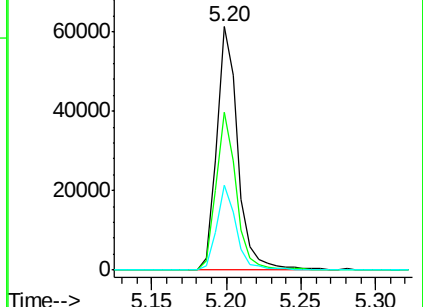
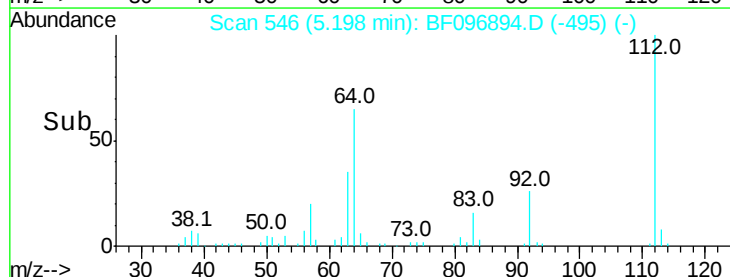
63 34.7 23.4 35.0

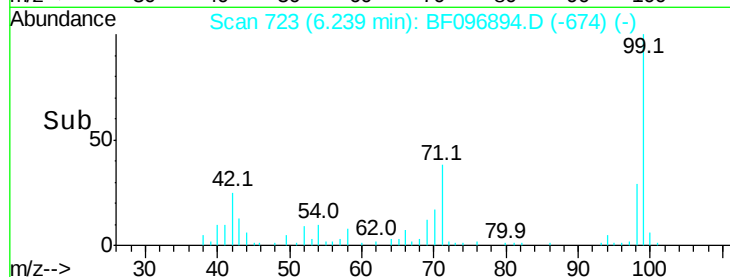
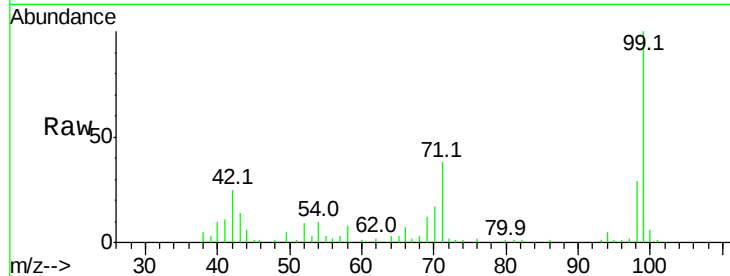
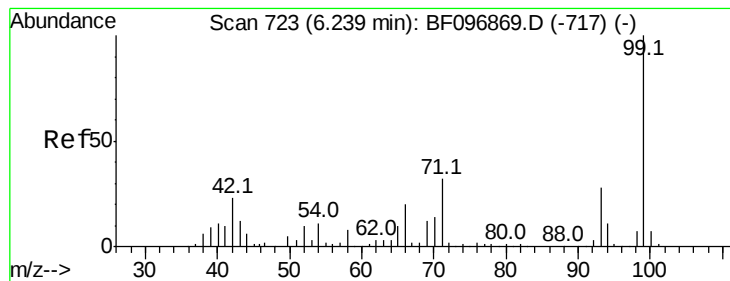


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 7.525 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

Instrument :

BNA_F

ClientSampleId :

M-COMB-02RE

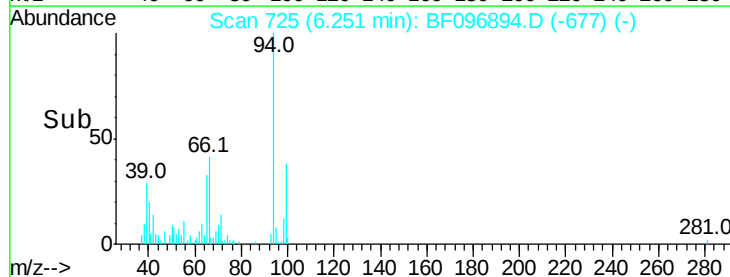
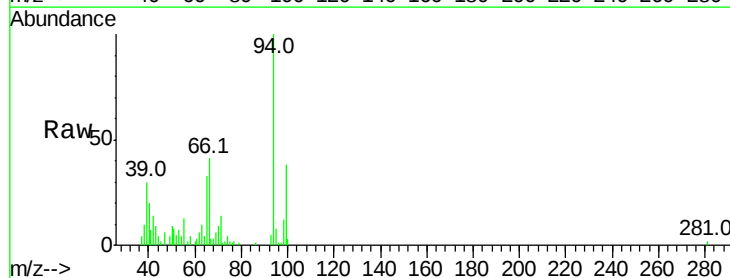
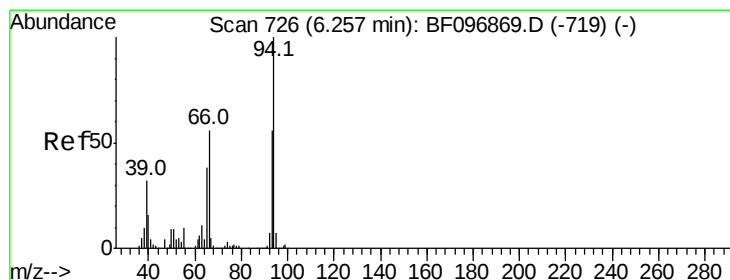
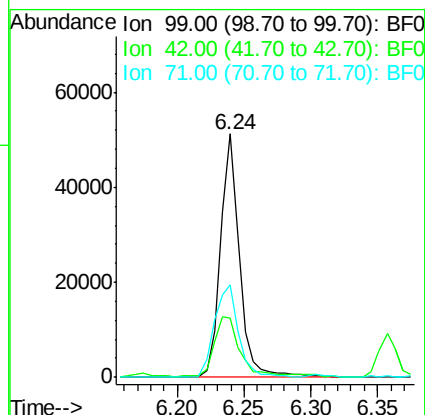
Tot Ion: 99 Resp: 52010

Ion Ratio Lower Upper

99 100

42 24.6 13.5 20.3#

71 37.9 24.5 36.7#



#10

Phenol

Concen: 3.623 ng

RT: 6.25 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

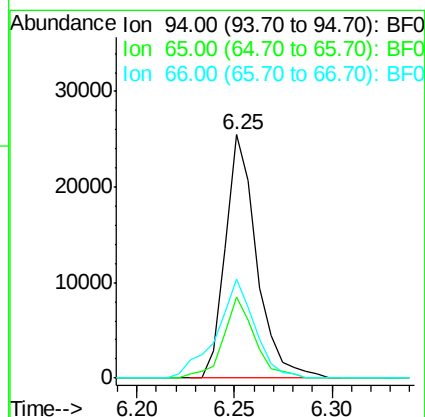
Tgt Ion: 94 Resp: 28302

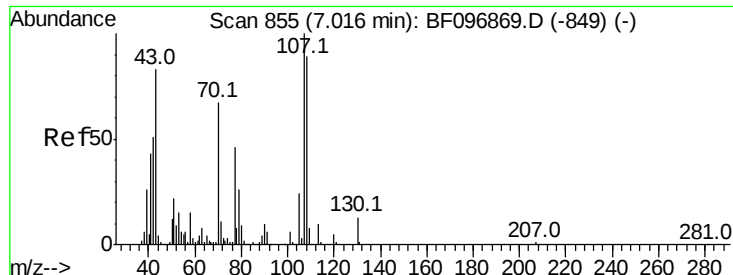
Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

66 40.8 23.1 63.1

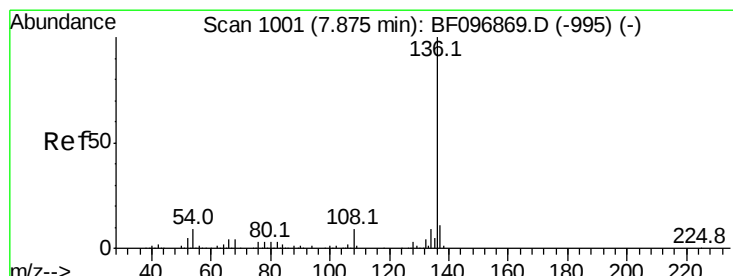
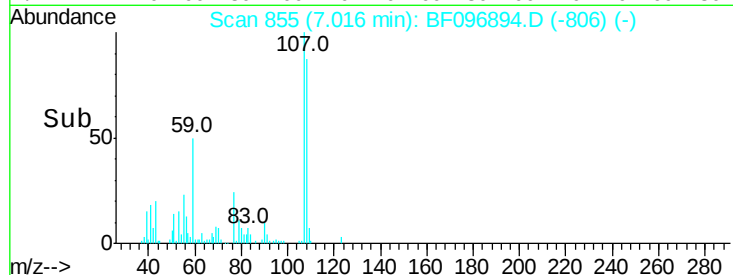
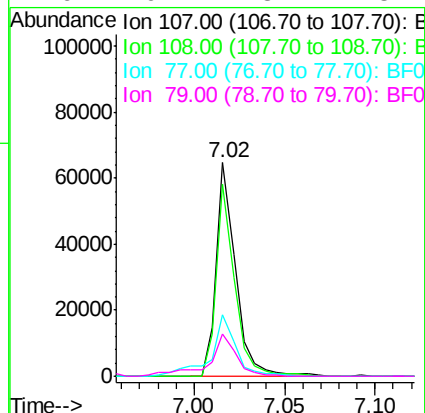
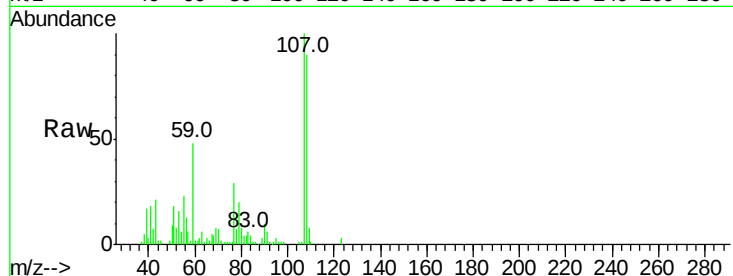




#20
 3+4-Methylphenols
 Concen: 8.202 ng
 RT: 7.02 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

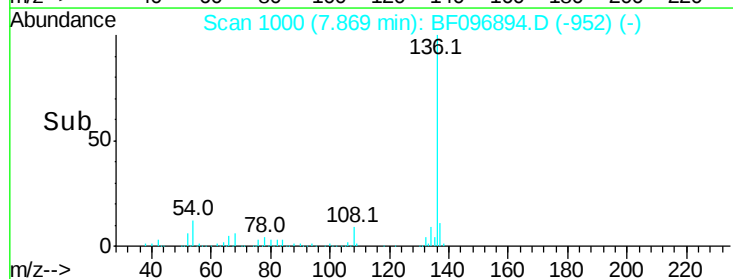
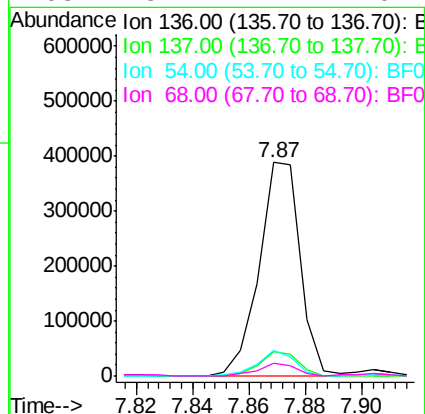
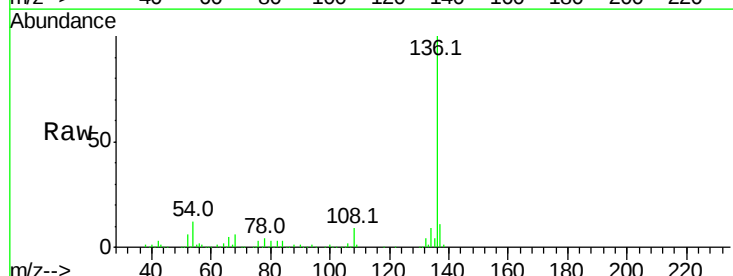
Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02RE

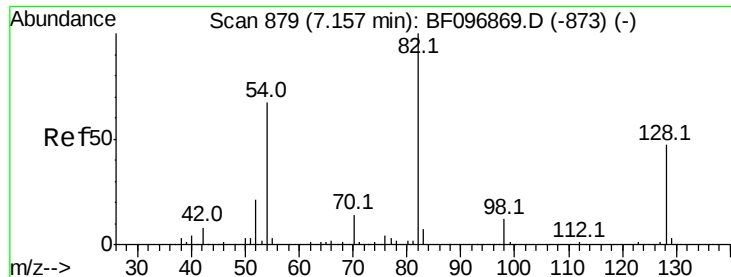
Tot Ion:	107	Resp:	48085
Ion	Ratio	Lower	Upper
107	100		
108	89.9	71.0	111.0
77	28.9	90.5	130.5#
79	20.1	8.4	48.4



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.87 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

Tgt Ion:	136	Resp:	392064
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	11.7	4.9	7.3#
68	5.7	4.1	6.1

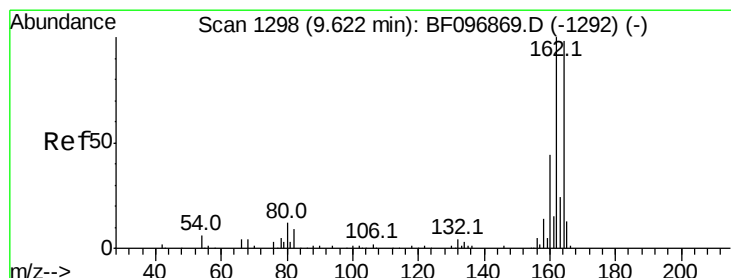
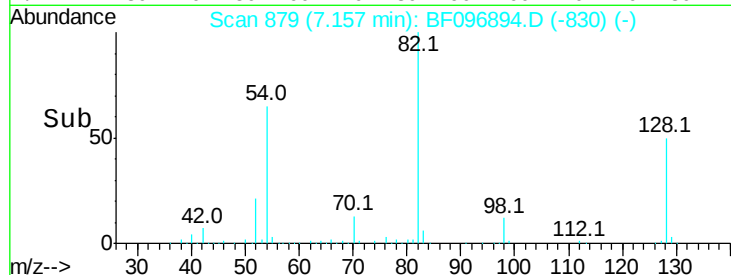
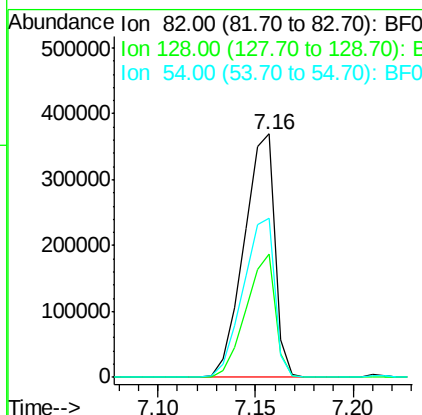
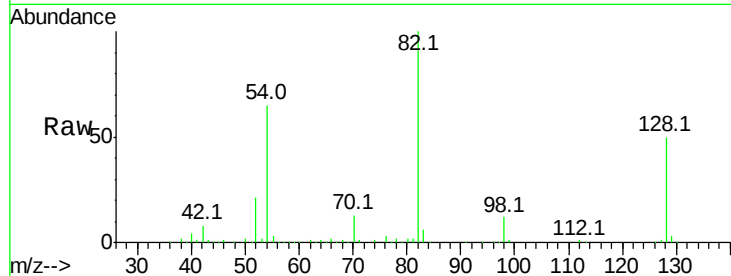




#23
 Nitrobenzene-d5
 Concen: 63.947 ng
 RT: 7.16 min Scan# 879
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

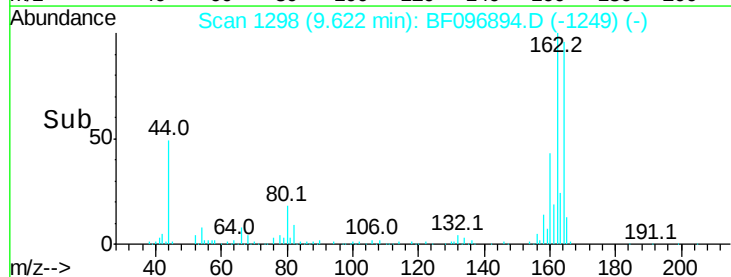
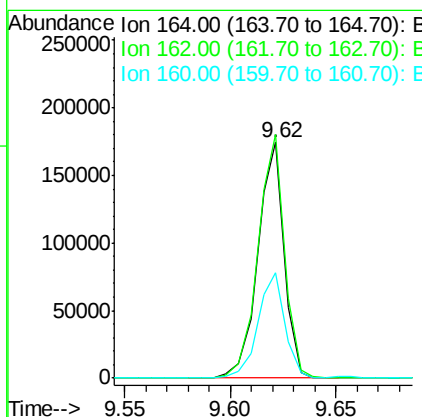
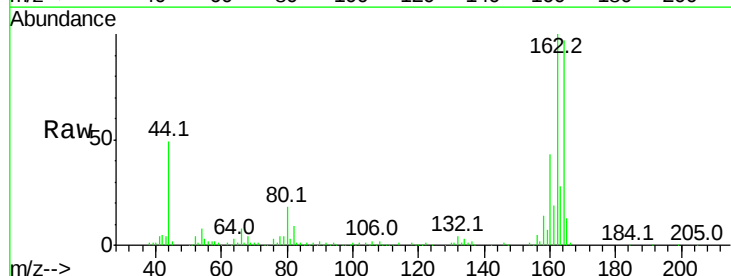
Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02RE

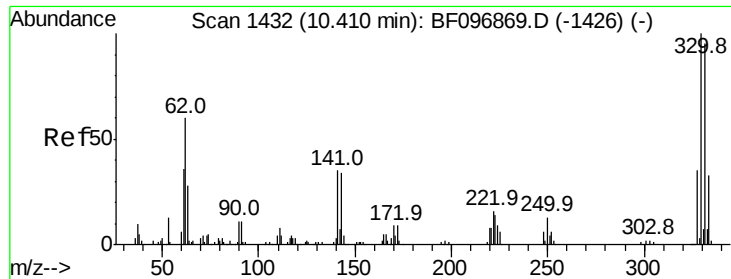
Tot Ion: 82 Resp: 404762
 Ion Ratio Lower Upper
 82 100
 128 50.4 34.0 51.0
 54 65.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.62 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

Tgt Ion: 164 Resp: 150521
 Ion Ratio Lower Upper
 164 100
 162 103.5 82.6 123.8
 160 44.5 36.2 54.2

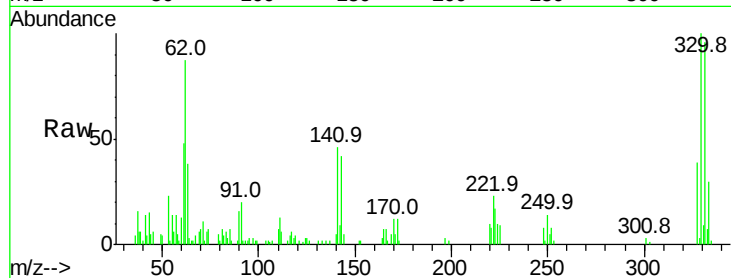




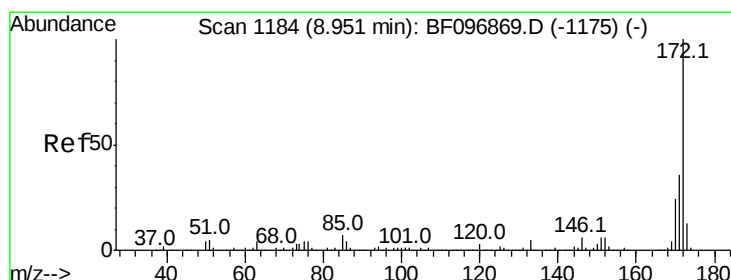
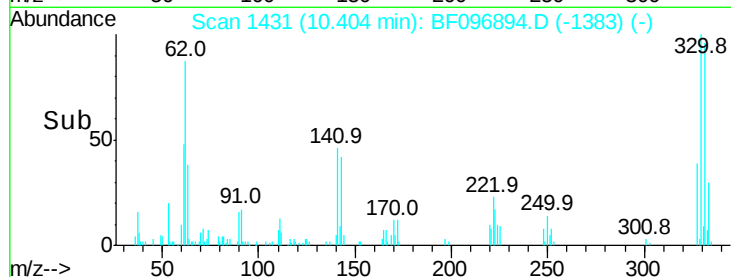
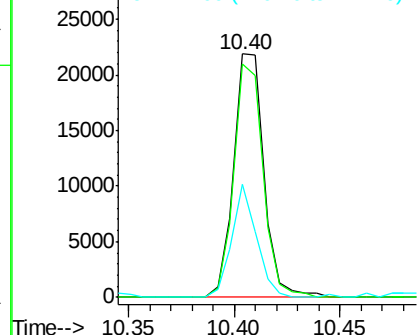
#41
 2,4,6-Tribromophenol
 Concen: 16.719 ng
 RT: 10.40 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02RE

Tot Ion:330 Resp: 21481
 Ion Ratio Lower Upper
 330 100
 332 93.2 76.6 115.0
 141 37.9 31.4 47.2

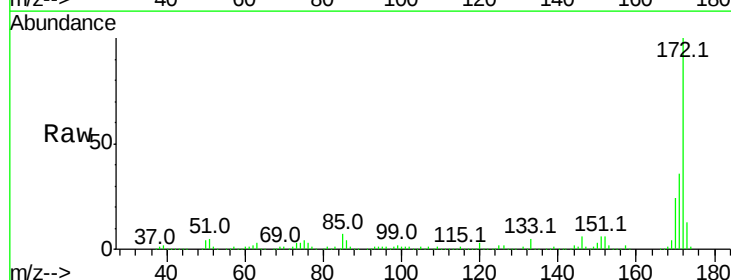


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

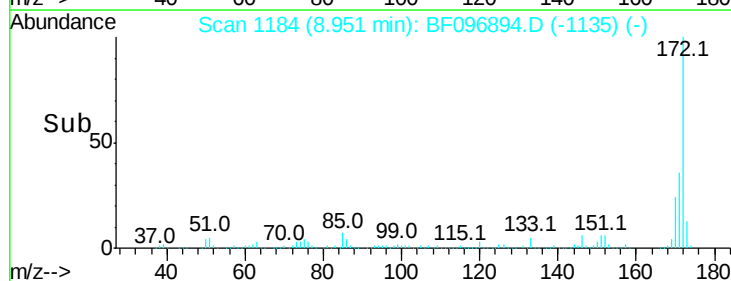
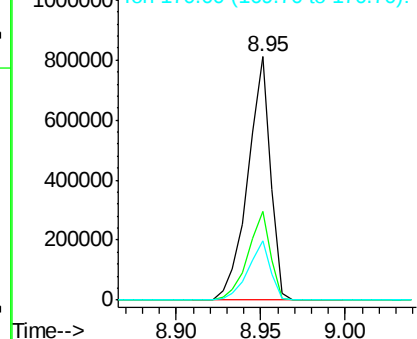


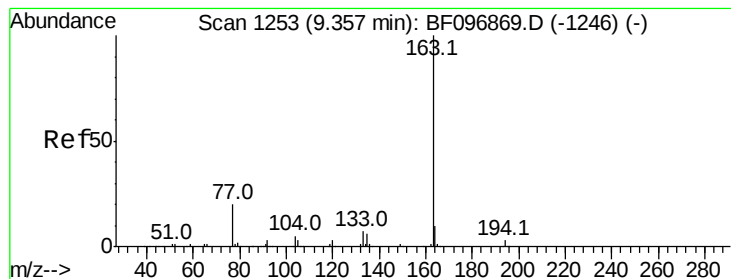
#44
 2-Fluorobiphenyl
 Concen: 80.082 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

Tgt Ion:172 Resp: 762950
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 3.249 ng

RT: 9.35 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

Instrument :

BNA_F

ClientSampleId :

M-COMB-02RE

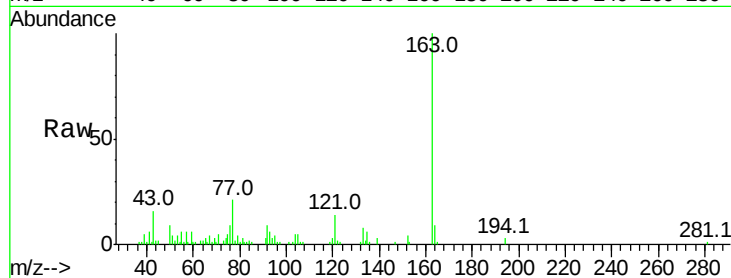
Tot Ion:163 Resp: 36827

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

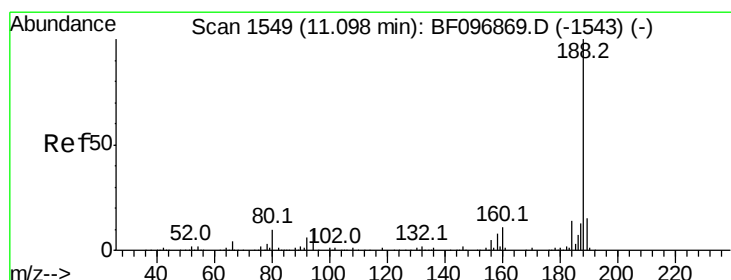
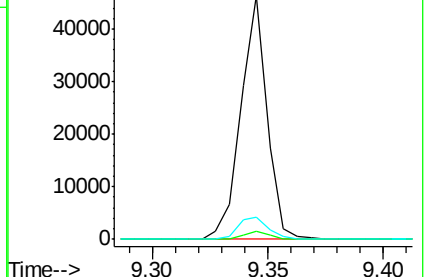
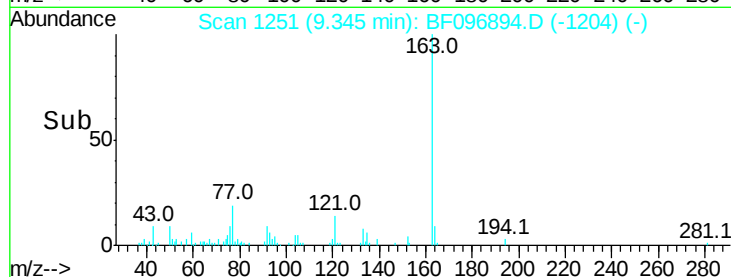
164 9.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.10 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

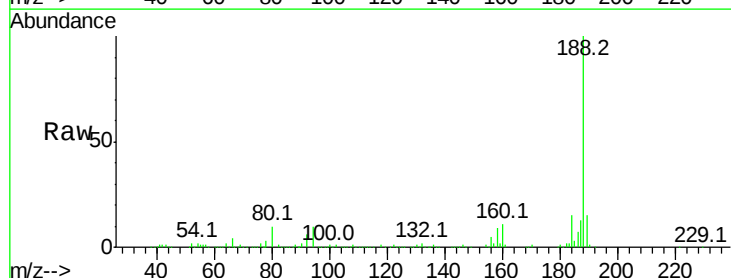
Tgt Ion:188 Resp: 232137

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

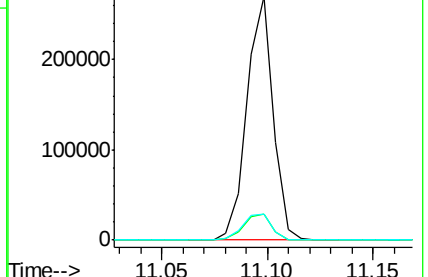
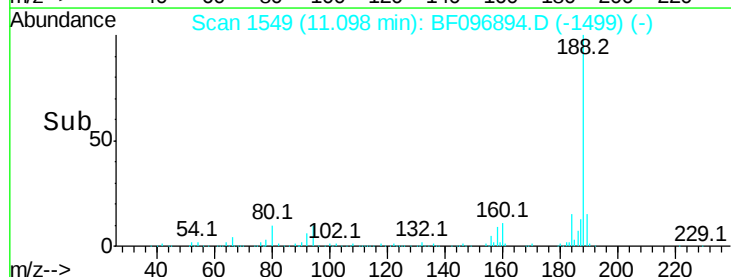
80 10.5 10.2 15.2

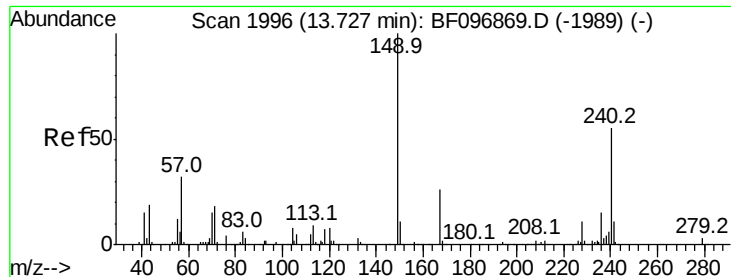


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.73 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

Instrument :

BNA_F

ClientSampleId :

M-COMB-02RE

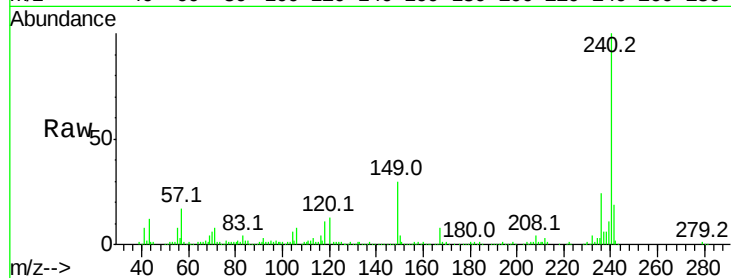
Tot Ion:240 Resp: 172314

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

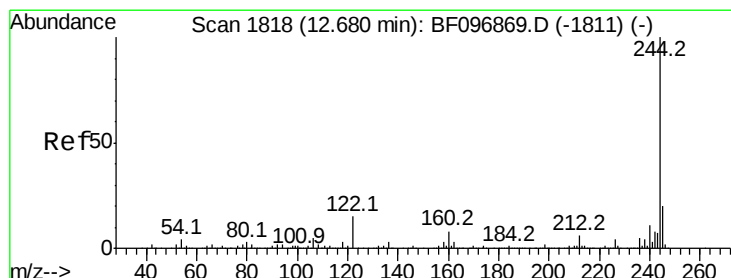
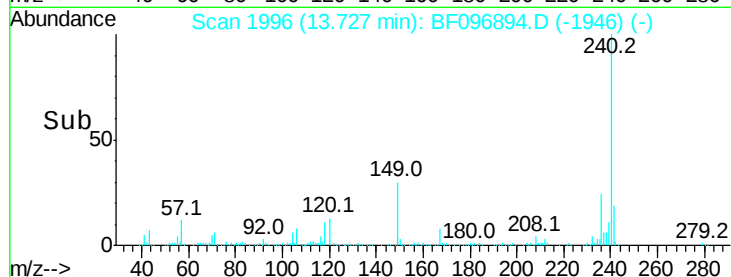
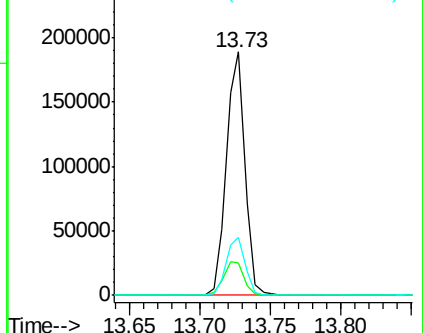
236 23.9 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 52.039 ng

RT: 12.69 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096894.D

Acq: 20 Jul 2017 3:27

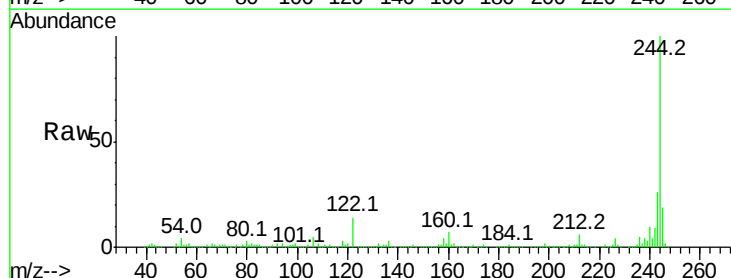
Tgt Ion:244 Resp: 517057

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

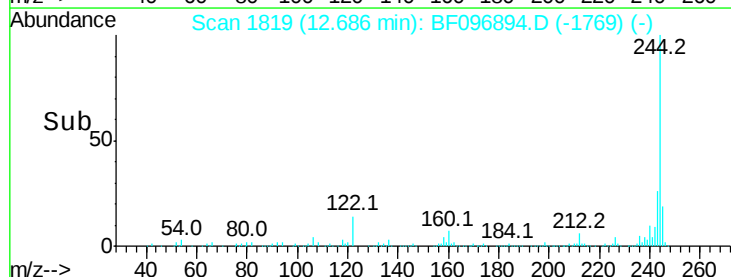
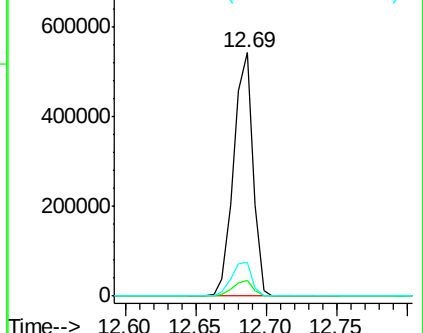
122 13.6 10.3 15.5

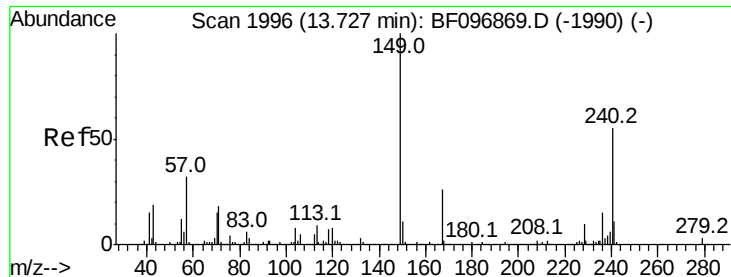


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

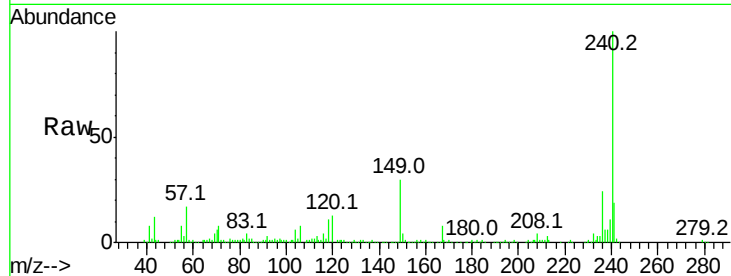




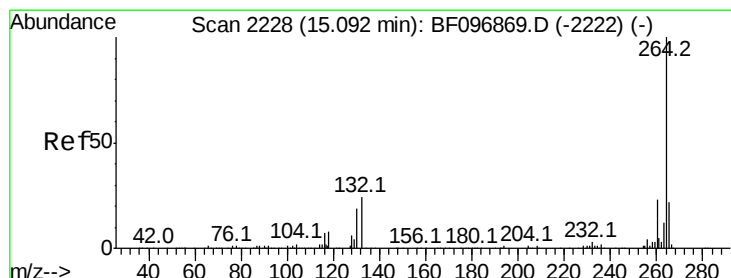
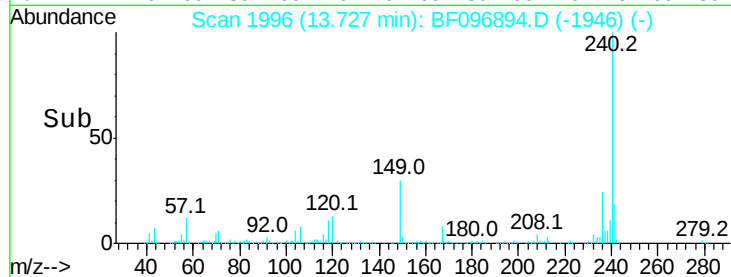
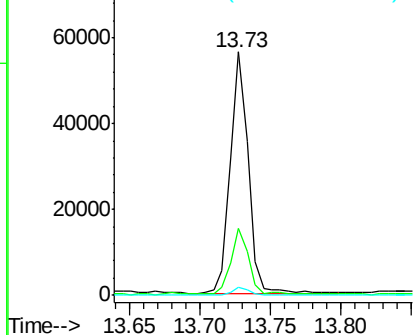
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.558 ng
 RT: 13.73 min Scan# 1996
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

Instrument :
 BNA_F
 ClientSampleId :
 M-COMB-02RE

Tot Ion:149 Resp: 50295
 Ion Ratio Lower Upper
 149 100
 167 27.6 21.0 31.4
 279 3.3 1.9 2.9#

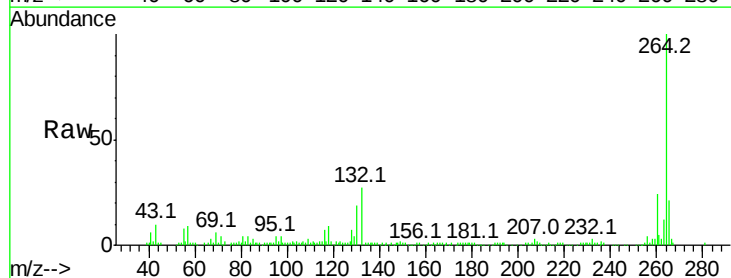


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.10 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BF096894.D
 Acq: 20 Jul 2017 3:27

Tgt Ion:264 Resp: 119488
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

